

Claims

- [c1] 1. A content reading system, comprising:
a media moving system, which have locations to receive a memory media that stores information in various locations on a surface thereof, and operates to move the media to obtain content from said locations on said surface;
a memory, which is capable of storing content from the locations on the media;
and
a controller, controlling said media moving system to move and store information from said media into said memory until a specified amount of information is stored into said memory, and then to stop said media from moving and to read said information from said memory instead of from the memory media itself.
- [c2] 2. A system as in claim 1, wherein said media is a disk, and said moving system is an element that rotates said disk, with said controller stopping said media from rotating when said memory has stored said specified amount of information.
- [c3] 3. A system as in claim 1, wherein said controller detects that said memory stores less than a second specified amount of information and then commands said media to move and to read additional information from said memory media to said memory.
- [c4] 4. A system as in claim 3, wherein said second specified amount of information is less than 10 percent of a content of said memory.
- [c5] 5. A system as in claim 1, wherein said memory media is a CD storing compressed audio in an MP3 format.
- [c6] 6. A system as in claim 1, wherein said media moving system stores both audio and video information on the various locations thereof, and said media moving system also moves the reading head to read said audio and video information.
- [c7] 7. A system as in claim 1, wherein said memory media stores MP3 information, and stores additional information associated with said MP3 information, where said additional information is synchronized with said MP3 information such that

a specified part of said additional information is played at a specified point within the MP3 information.

- [c8] 8. A method, comprising:
 commanding a disk to rotate and to read information therefrom;
 storing at least part of said information into a solid-state memory while said disk is rotating;
 detecting a specified amount of information being stored into said solid-state memory, and stopping said disk from further rotating; and
 while said disk is not rotating, reading said information from said solid-state memory.
- [c9] 9. A method as in claim 8, further comprising using battery power to rotate said disk.
- [c10] 10. A method as in claim 8, wherein said information includes compressed audio information.
- [c11] 11. A method as in claim 8, wherein said information includes compressed video information.
- [c12] 12. A method as in claim 8, wherein said information includes compressed audio information along with additional information which is displayed during play of the compressed audio information.
- [c13] 13. A system, comprising:
 a computer, detecting a stimulus which indicates that a user should be notified of a specified event;
 a media reader part, connected to said computer, and reading information from a specified media under control of said computer;
 wherein said computer notifies said user by using a specified part of said information from said media.
- [c14] 14. A system as in claim 13, wherein said computer extracts a melody line from said media, and said specified part includes said melody line that is extracted from said media.

- [c15] 15. A system as in claim 13, wherein said notifies comprises playing an actual part of said information that has been read from said media.
- [c16] 16. A system as in claim 13, wherein said computer includes a cellular phone, and said event includes an incoming call.
- [c17] 17. A system as in claim 13, wherein said computer includes an appointment book, and said event includes a reminder for one of said appointments.
- [c18] 18. A system as in claim 13, wherein said computer dynamically selects said specified part of said information according to parts of said information that have been played.
- [c19] 19. A system as in claim 13, wherein said computer selects a most recently played part of the information.
- [c20] 20. A system as in claim 13, wherein said computer selects a most commonly played part of the information.
- [c21] 21. A system as in claim 13, wherein said media reader part includes a media moving system which receives a memory media and moves said memory media to reproduce information which is stored on a surface thereof, and a memory connected to store information from said memory media, and wherein said computer controls said media moving system to first move and store information from said media into said memory and thereafter to stop and read said information from said memory.
- [c22] 22. A system as in claim 13, wherein said media reader part receives a non-movable median and reproduces information therefrom.
- [c23] 23. A system as in claim 21, wherein said memory media is a movable disk.
- [c24] 24. A system as in claim 21, further comprising a battery power part which powers said computer and said media reader part.
- [c25] 25. A method, comprising:
detecting a specified event, using a computer, which specified event needs to be communicated to a user;

using said computer to read music from a compressed format memory medium;
using said computer to select a part of said music from said compressed format
memory medium, and to play said part to signal the specified event.

[c26] 26. A method as in claim 25, wherein said using said computer to select
comprises using said computer to extract a melody line from said media, and to
play said melody line to signal the specified event.

[c27] 27. A method as in claim 25, wherein said part of said music that is selected is
an actual part of the music from said media.

[c28] 28. A method as in claim 25, wherein said specified event is an incoming call to
a portable phone, and said part is played to signal the incoming call.

[c29] 29. A method as in claim 25, further comprising using said computer to
maintain a calendar of appointments, wherein said specified event signals one
of said appointments.

[c30] 30. A method as in claim 25, wherein said using said computer to read music
from a compressed format memory medium comprises moving a movable
memory medium to reproduce information which is stored on a surface thereof
and to store at least part of said information into another memory, and
thereafter stopping said medium from moving and reading said information
from said another medium.

[c31] 31. A device, comprising:
a disk reading part which includes electronics which are adapted to read
information from an optical disk;
a processing part, which decodes the information from the optical disk, said
processing part decoding said information and determining if the disk is a
prerecorded disk or a recordable disk, automatically allowing a prerecorded disk
to be executed, if a prerecorded disk is determined, and, if a recordable disk is
determined, then determining if a specified criteria is met, and allowing said
prerecorded disk to be executed only if said specified criteria is met.

[c32] 32. A device as in claim 31, wherein said processing part executes said disk by

playing music thereon.

[c33] 33. A device as in claim 31, wherein said processing part also controls said the disk to initially rotate and to read information thereof to a memory, until said memory has a specified amount of information therein, and thereafter to stop the disk from rotating, and to read information from the memory instead of from the disk area

34. A device as in claim 31, wherein said specified criteria includes an encryption function which is associated with content on the disk.

[c34] 35. A device as in claim 32, wherein said processing part also controls indicating a specified event to a user, and notifying said user using specified content from said disk.

[c35] 36. A device as in claim 35, wherein said specified content includes part of the music from said disk.

[c36] 37. A device, comprising:
a reader part, which reads compressed information from a memory media;
a processor, which processes said compressed information, to provide an output indicative of said compressed information, and which enables outputting a first resolution output indicative of low resolution information, obtaining additional information indicative of increased resolution information, and producing an increased resolution output based on said first resolution output and said additional information.

[c37] 38. A device as in claim 37, wherein said reader part reads compressed information from a nonvolatile fixed and non-moving memory system.

[c38] 39. A device as in claim 37, wherein said information is an image, said first resolution output is a low resolution image, and said increased resolution output is a higher resolution image.